FORM-PTO-1390 (Rev. 9-2001)	RTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	FC 2001 / (\$
DESIGNATED/ELEC	ER TO THE UNITED STATES	OO3277-031 US APPLICATION NO. (If known, see 37 C.F.R. 1.5)
LINIERNATIONAL APPLICATION NO.	NG UNDER 35 U.S.C. 371	2001 5 10/018088
PCT/FI00/00532 TITLE OF INVENTION	14 June 2000	PRIORITY DATE CLAIMED
METHOD TO IMPROVE THE OPACI	TY OF MECHANICAL PLUE BY A THAT	DEMINISTRATION 1999
APPLICANT(S) FOR DO/EO/US	ITY OF MECHANICAL PULP BY USING ALIF	PHATIC PEROXY ACIDS AND USE OF
1) Jukka JÄKÄRÄ; and 2) Aarto PA		
Applicant herewith submits to the United Sta	ates Designated/Elected Office (DO/EO/US) the following concerning of the concerning	
1. This is a FIRST submission of item	ns concerning a filing under 35 U.S.C. 371	ing items and other information:
SECOND OF SUBSEQUEN	T submission of items conserve	
3. This is an express request to begin	n national examination procedures (35 U.S.C. 371(f)).	S.C. 371.
(9) and (21) indicated below.	(50 5.5.C. 371(f)).	The submission must include items (5), (6),
A copy of the International Applica	spiration of 19 months from the priority date (Article 3	1).
a. is attached hereto (require	tion as filed (35 U.S.C. 371(c)(2))	
Tight and the communicated	red only if not communicated by the International Bure by the International Bureau.	eau).
l	plication was filed in the United States Receiving Offic	
An English language translation of the	he International Application as filed (35 U.S.C. 371(c)	ce (RO/US).
iii iii iii ii ii ii ii ii ii ii ii ii		(2))
b. has been previously subm	nitted under 35 U.S.C. 154(d)(4).	1
Amendments to the claims of the Int	ternational Application under PCT Article 10 (05 to 5	371/01/21
b. D have been communication	red only if not communicated by the Internation I B	eau).
c. have not been made; how	by the International Bureau	
d. have not been made and w	ever, the time limit for making such amendments has	NOT expired.
8. An English language translation of the	e amendments to all and a	•
	e amendments to the claims under PCT Article 19 (35 r(s) (35 U.S.C. 371(c)(4))	
10. An English language translation of the	annexes to the International Preliminary Examination	Parant
Items 11 to 20 below concern document(s) or in	, Sommaton	Report under PCT Article 36 (35 U.S.C.
11. An Information Disclosure Statement	Tormation included:	
12. An assignment document for recording	A separate several 4.98.	
	J. A separate cover sheet in compliance with 37 CFR	3.28 and 3.31 is included.
14. ☐ A SECOND or SUBSEQUENT preliminal	ry amendment.	1
A substitute specification.		•
To change of power of attorney and/or a	address letter.	
of the seque	ence listing in accordance with PCT Rule 13ter.2 and 3	35 U.S.C. 1 821 1 005
19. A second copy of the published internal	tional application under 35 U.S.C. 154(d)(4).	1.825.
20. A Other items or information:	translation of the international application under 35 U.	.S.C. 154(d)(4).
Marked-up copy of Substitute Specificat	al Preliminary Examination Report, Written Opinion, Fol tion	rm PCT/IB/304, PCT/IB/308, and



JC13 Rec'd PCT/PTO 1 4 DEC 2001

U.S. APPLICATION NO. (If k	nown, see 37 of R/1	Q C INTERNATIONAL APPLI	CATION NO.		T ATTO	RNEY'S DOCKET NUMBE
U.S. APPLICATION NO. (If known, set 37 0 - R/1 0 - 8 0 8 8 INTERNATIONAL APPLICATION NO. PCT/FI00/00532					003	3277-031
21. A The following	☐ The following fees are submitted:					PTO USE ONLY
Basic National Fee (37						
Neither internation nor international s and International	nal preliminary examination fe earch fee (37 CFR 1.445(a)(2 Search Report not prepared by	e (37 CFR 1.482) !)) paid to USPTO / the EPO or JPO	\$1,040.00 (960)			
International prelim USPTO but Interna	minary examination fee (37 Cl ational Search Report prepare	FR 1.482) not paid to	\$890.00 (870)			
International prelir but international s	ninary examination fee (37 Cl earch fee (37 CFR 1.445(a)(2	FR 1.482) not paid to USPT	O \$740.00 (970)			
International prelin but all claims did r	ninary examination fee (37 CF not satisfy provisions of PCT	R 1.482) paid to USPTO	\$740.00 (958)			
International prelin	ninary examination fee (37 CF	R 1.482) paid to USPTO	\$710.00 (956)			
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)						
Surcharge of \$130.00				\$ 1,04 \$	10.00	
months from the earlies	Surcharge of \$130.00 (154) for furnishing the gath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
Claims	Number Filed	Number Extra	Rate			
Total Claims	9 -20 =	0	X\$18.00 (966)	\$	0.00	
independent Claims	2 -3 =	0	X\$84.00 (964)	\$	0.00	
Multiple dependent claim(s) (if applicable) + \$280.00 (968)						
TOTAL OF ABOVE CALCULATIONS = Reduction for 1/2 for filing by small entity, if applicable (see below).					0.00	
						-
SUBTUTAL =				\$ 1,04	0.00	
Processing fee of \$130.00 (156) for furnishing the English translation later than 20 30 1 30 1 492(i)).				\$		
TOTAL NATIONAL FEE =				\$ 1,040	0.00	
for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (581) per property				\$.	-	
Ň.		TOTAL F	ES ENCLOSED =	\$ 1,040	0.00	
				Amount refu	to be	\$
_				cha	rged:	\$
	tatus is hereby claimed.					
b. A check in the	e amount of \$_1,040,00to	cover the above fees is er	closed.			
	my Deposit Account No. 02-					
d. Mark The Commissi Account No. (ioner is hereby authorized to o 02-4800. A duplicate copy of	charge any additional fees v	vhich may be required, o	or credit any o	verpaym	nent to Deposit
NOTE: Where an a	ppropriate time limit under 37 ranted to restore the applicati	CER 1 404 - 4 405 t				
		on to pending status.	Du.	2	•	57(d) (l) (b))
Ronald L. Grudziecki						
BURNS, DOANE, SWECKER & MATHIS, L.L.P. SIGNATURE					_	
Alexandria, (703) 836-6	Virginia 22313-1404 6620	Scc NAM	ott W. Cummings 1E		0	
41,567 REGISTRATION NUMBER					mber 1	4, 2001

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PATENT APPLICATION SERIAL NO.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FEE RECORD SHEET

12/27/2001 UEDUVIJE 00000101 10018088

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